

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	17625.0045
	Named Inventor(s)	Tim C. Lieuwn, et al.
	Title	Systems and Methods for Detection of Blowout Precursors in Combustors
	Express Mail Label No.	EV330772633US

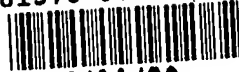
<b>APPLICATION ELEMENTS</b>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total Pages: 35</span> <ul style="list-style-type: none"> <li>• Descriptive title of the invention</li> <li>• Cross Reference to Related Applications</li> <li>• Background of the Invention</li> <li>• Brief Summary of the Invention</li> <li>• Brief Description of the Drawings (if filed)</li> <li>• Detailed Description</li> <li>• Claims(s)</li> <li>• Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 19 5. Oath or Declaration <span style="float: right;">Total Pages 3</span> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> (i) <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix).	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. <input type="checkbox"/> Form PTO/SB/35 17. <input type="checkbox"/> Other: _____ _____ _____
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18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  
☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_  
 Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_  
 Recite complete dependency back to first parent application: **U.S. Prov. Application Serial No. 60,391,748 filed on June 26, 2002, and U.S. Prov. Application Serial No. 60,415,277 filed on October 1, 2002.**



06/24/03

## FEE TRANSMITTAL

Attorney Docket No. 17625.0045

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): **Tim C. Lieuwen, et al.**Filing Date: **June 24, 2003**Title: **Systems and Methods for Detection of Blowout Precursors in Combustors**

The filing fee is calculated as shown below:

## 1. FILING FEE:

		SMALL ENTITY		LARGE ENTITY	
FOR:		FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE		\$375		\$750	750.00
<input type="checkbox"/> DESIGN FILING FEE		\$165		\$330	
<input type="checkbox"/> PLANT FILING FEE		\$260		\$520	
<input type="checkbox"/> REISSUE FILING FEE		\$375		\$750	
<input type="checkbox"/> PROVISIONAL FILING FEE		\$80		\$160	
SUBTOTAL (1)			\$		\$750.00

## 2. CLAIMS:

SMALL ENTITY				LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	27 - 20 =	7	x 9 =		x 18 =	126.00
INDEP. CLAIMS	5 - 3 =	2	x 42 =		x 84 =	168.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+140 =		+280 =	
SUBTOTAL (2)				\$		\$294.00

## 3. ADDITIONAL FEES:

		SMALL ENTITY		LARGE ENTITY	
FOR:		FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH		\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION		\$130		\$130	
<input checked="" type="checkbox"/> OTHER Assignment				\$40	40.00
SUBTOTAL (3)			\$		\$40.00

**TOTAL FILING FEES: \$1084.00**A check is enclosed for the total amount: **\$1084.00**☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 19-5029.

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Reg. No. P54,236

Date: June 24, 2003

**Express Mailing No. EV330772633US**  
**Inventors: Tim C. Lieuwen, et al.**

**Atty. Docket No. 17625.0045**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service in an Express Mail envelope (No. EV330772633US) addressed to: Commissioner of Patents & Trademarks, Box New, Washington, D.C. 20231, on the **24th** day of **June, 2003**.

  
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Russell A. Korn, Reg. No. P54,236

Documents attached:

1. Transmittal Cover Sheet - 2 pgs.
2. Patent Application consisting of 35 pgs. (specification, claims & abstract)
3. 19 Sheets of Drawings
4. Declaration/Power of Attorney – 3 pgs.
5. Assignment + Recordation Cover Sheet – 4 pgs.
4. Return Receipt Post Card
5. Check No. in the amount of \$1,084.00

19. CORRESPONDENCE ADDRESS:  
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**29052**

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PTO/SB/05 (03-01)